Γ_{i}

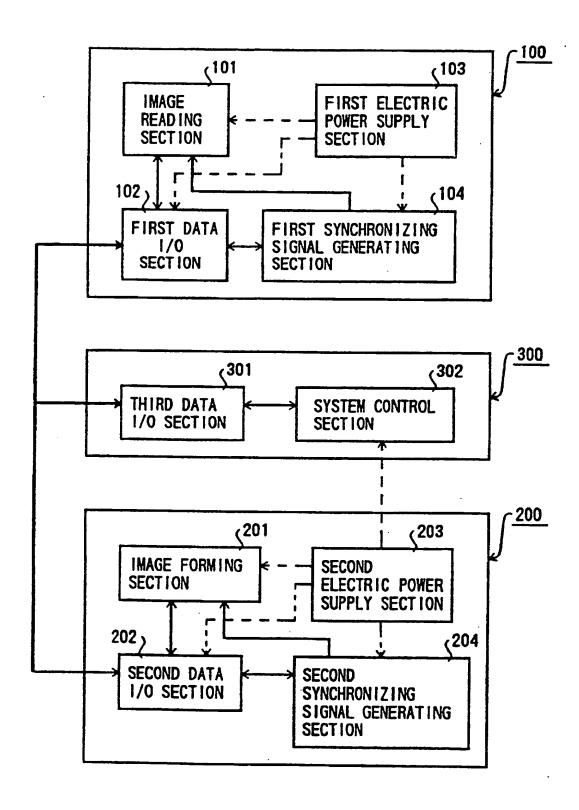


U.S. Patent

Feb. 4, 1997

Sheet 1 of 25

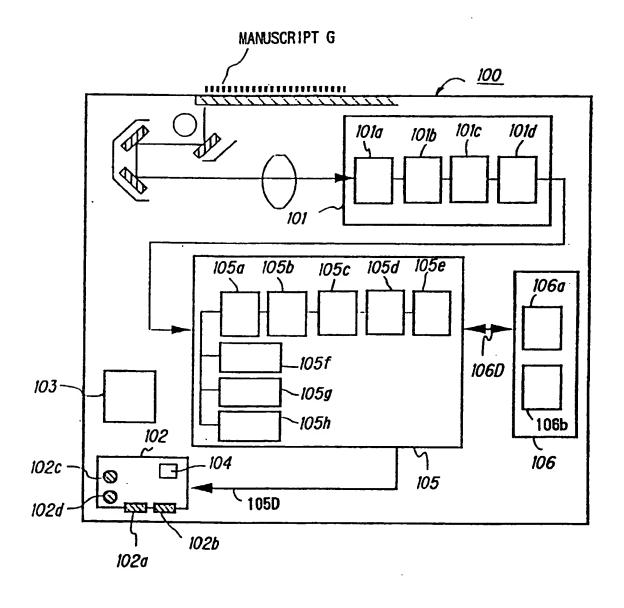
FIG.1



Sheet 2 of 25



FIG.2



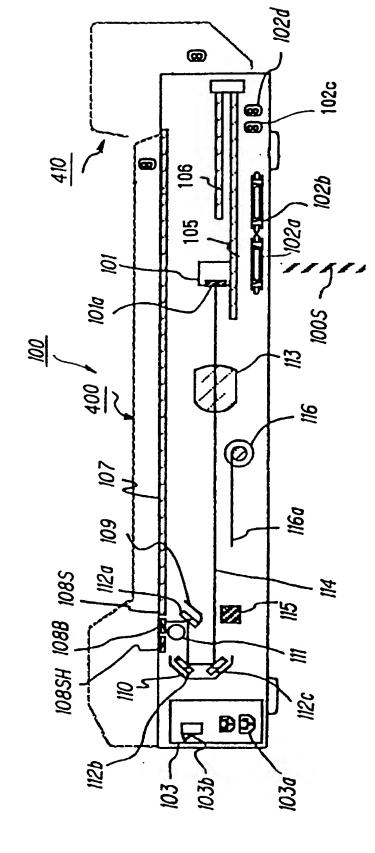




Feb. 4, 1997

Sheet 3 of 25

5,600,445



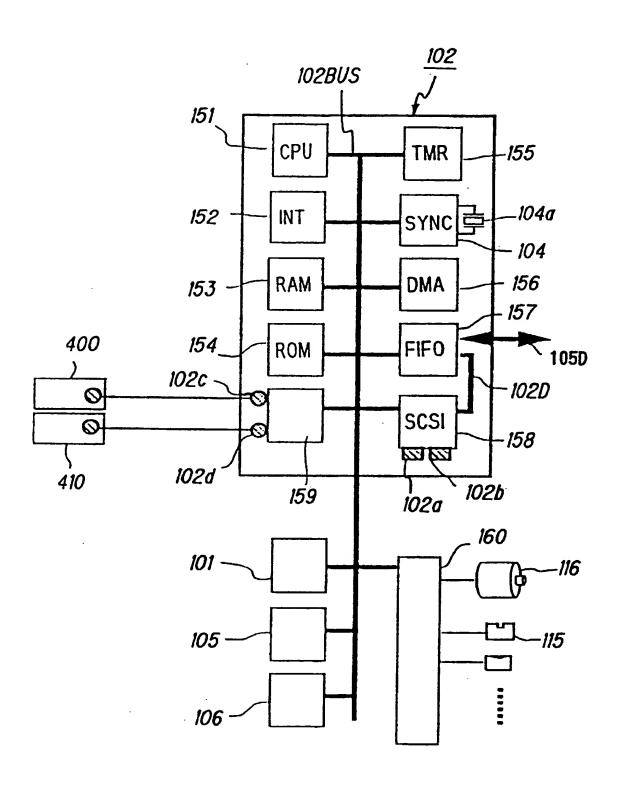
F/G.

Б



Sheet 4 of 25

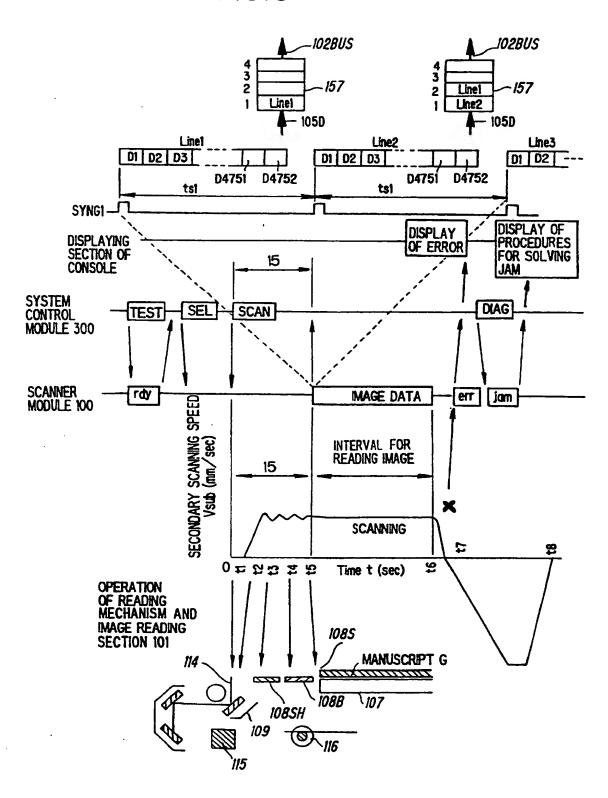
FIG.4



Feb. 4, 1997

Sheet 5 of 25

FIG.5

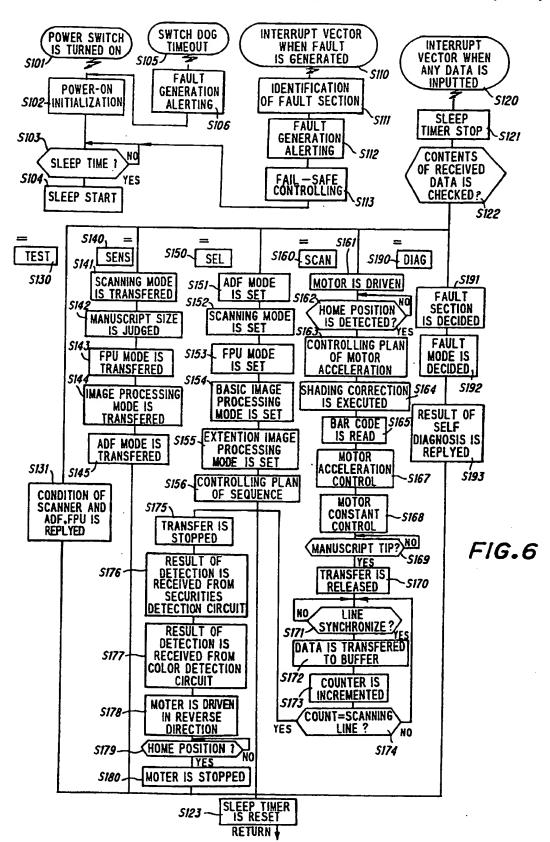






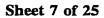
U.S. Patent

Sheet 6 of 25



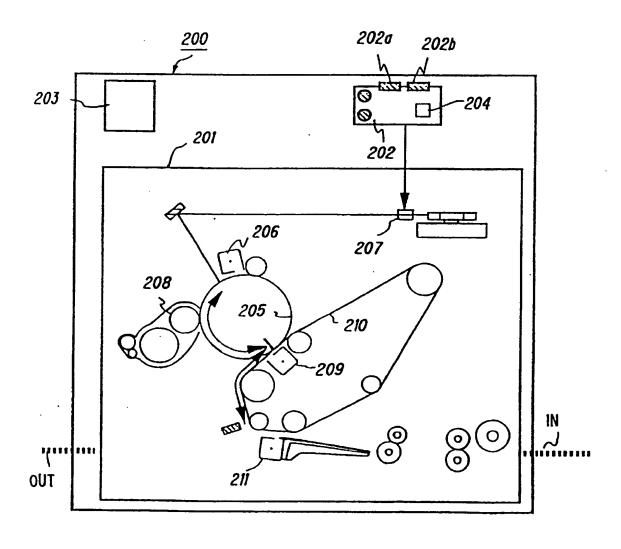






5,600,445

FIG.7

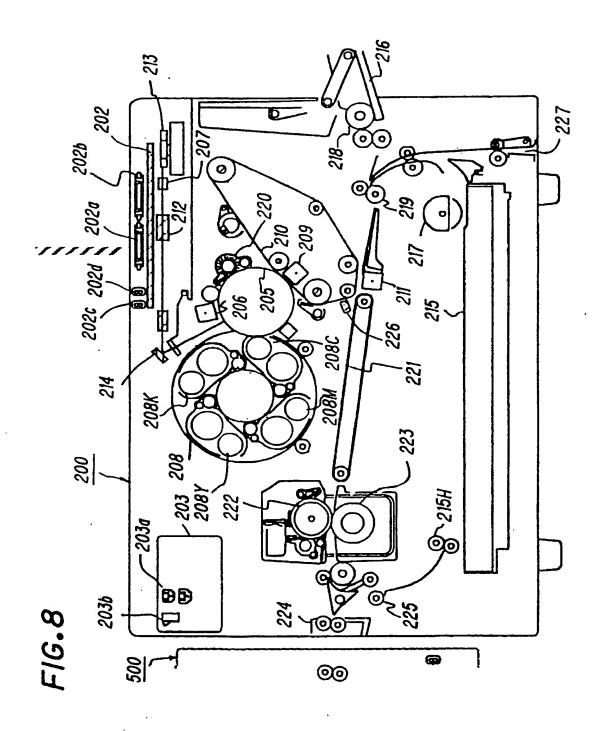






Feb. 4, 1997

Sheet 8 of 25



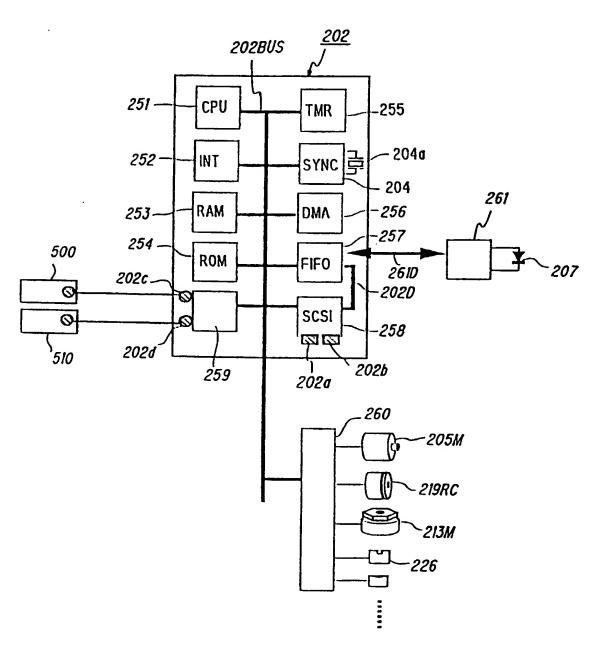




Feb. 4, 1997

Sheet 9 of 25

FIG.9

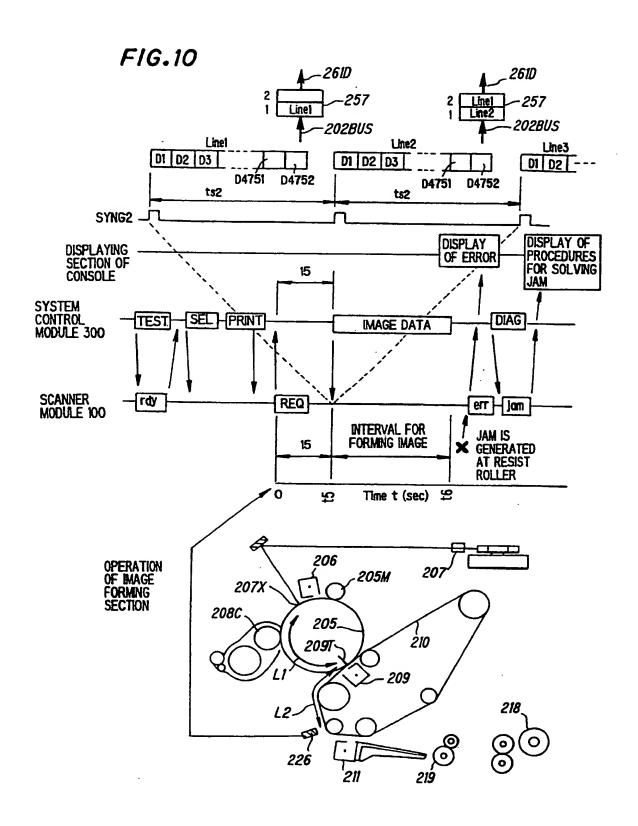






Feb. 4, 1997

Sheet 10 of 25

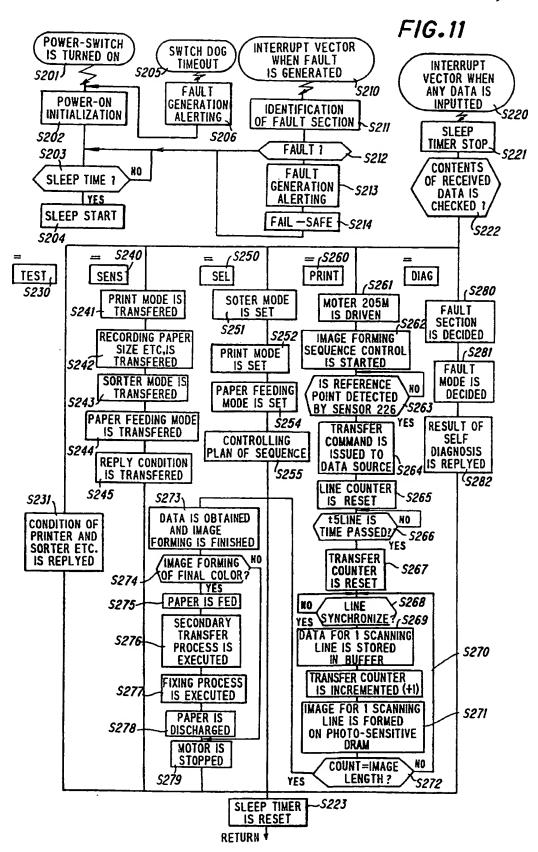






U.S. Patent

Sheet 11 of 25

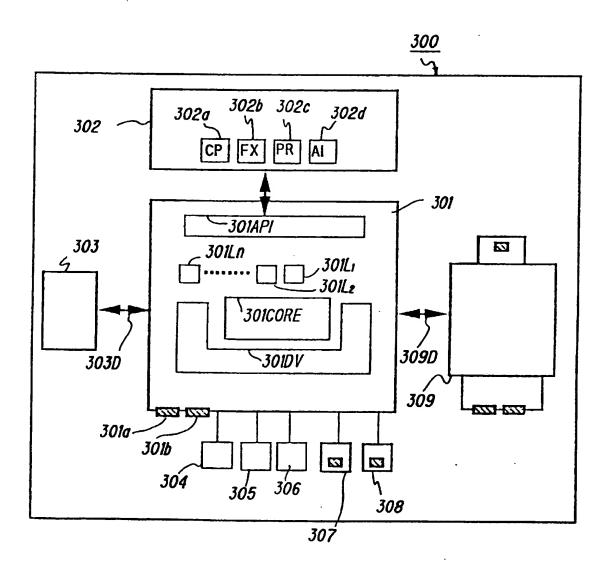






Sheet 12 of 25

FIG.12





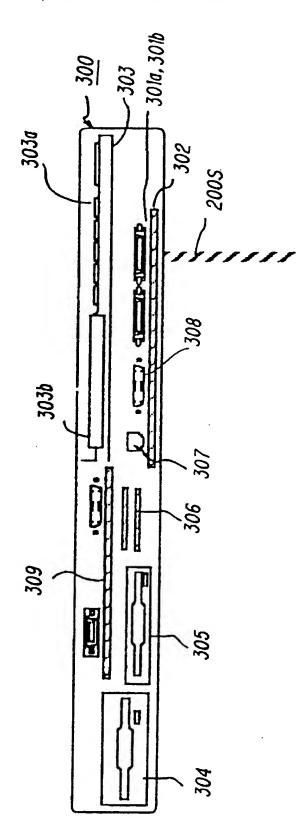


U.S. Patent

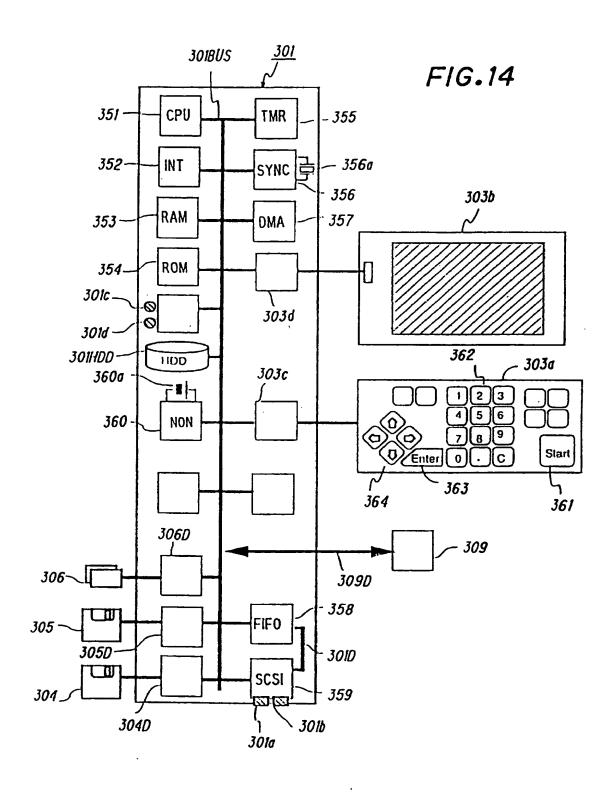
Feb. 4, 1997

Sheet 13 of 25

5,600,445



F16.13

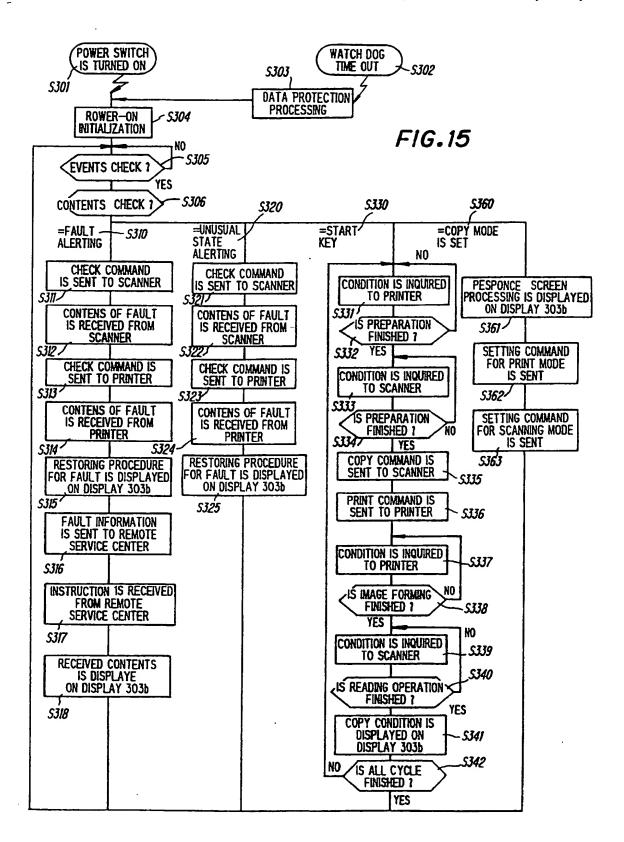




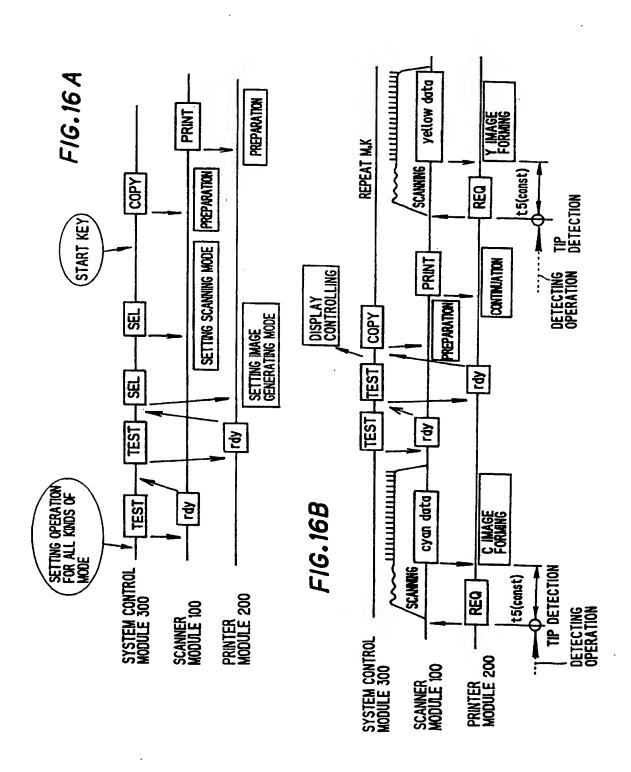


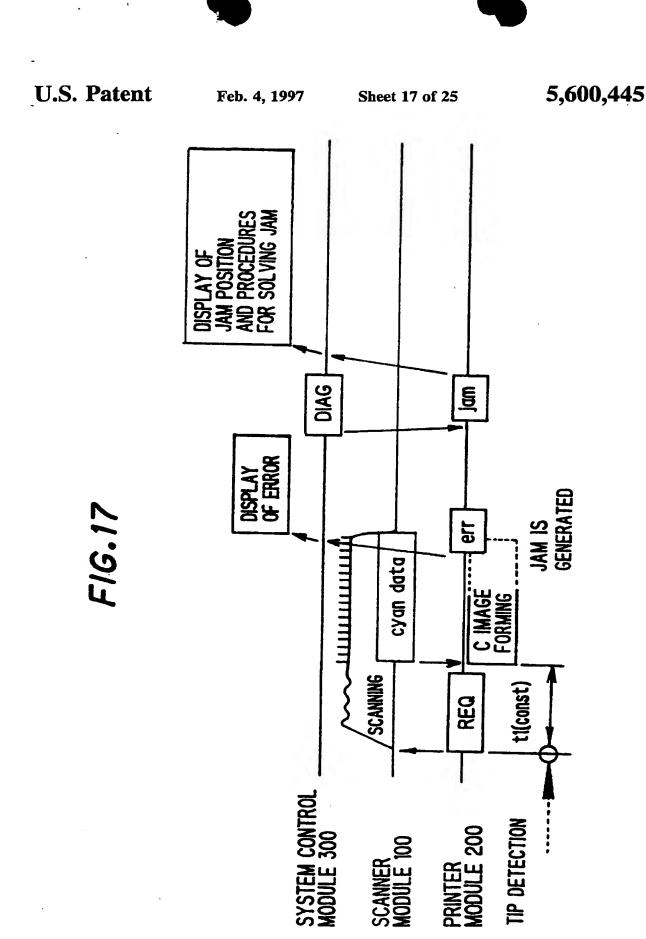
Feb. 4, 1997

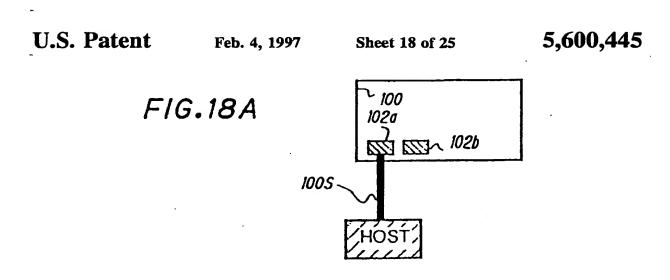
Sheet 15 of 25

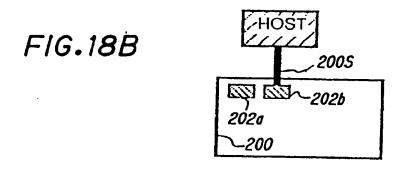


3









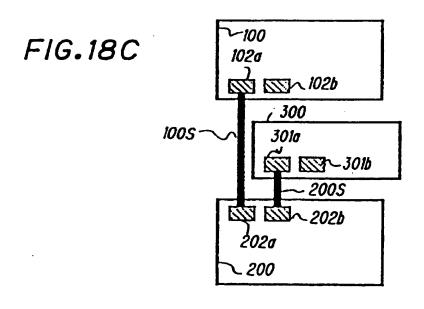
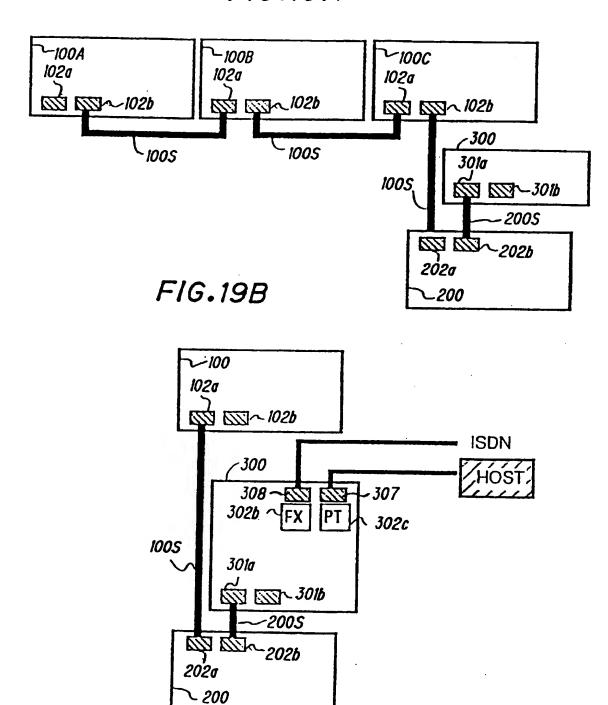


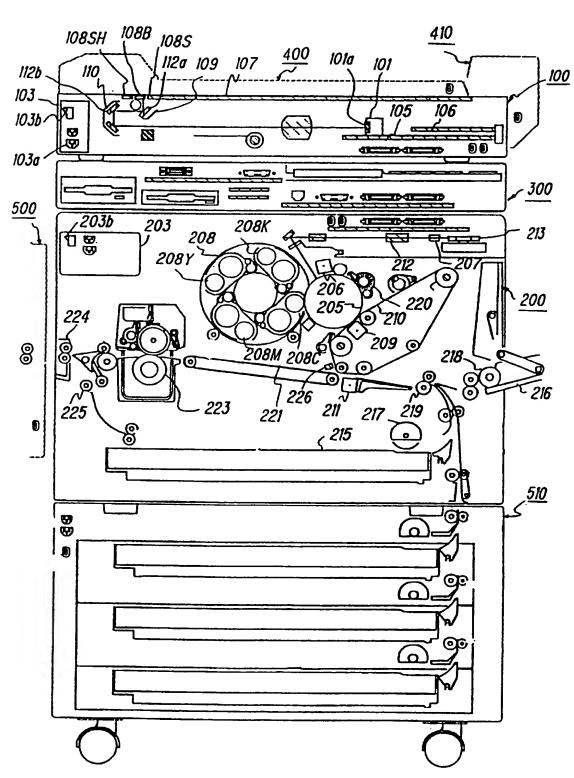
FIG.19A





Sheet 20 of 25

F1G.20





Feb. 4, 1997

Sheet 21 of 25

5,600,445

FIG.21

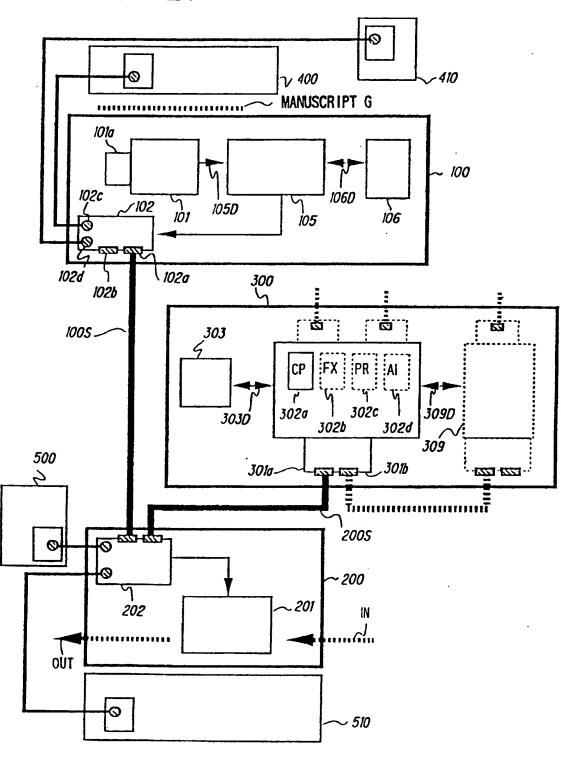


FIG. 22

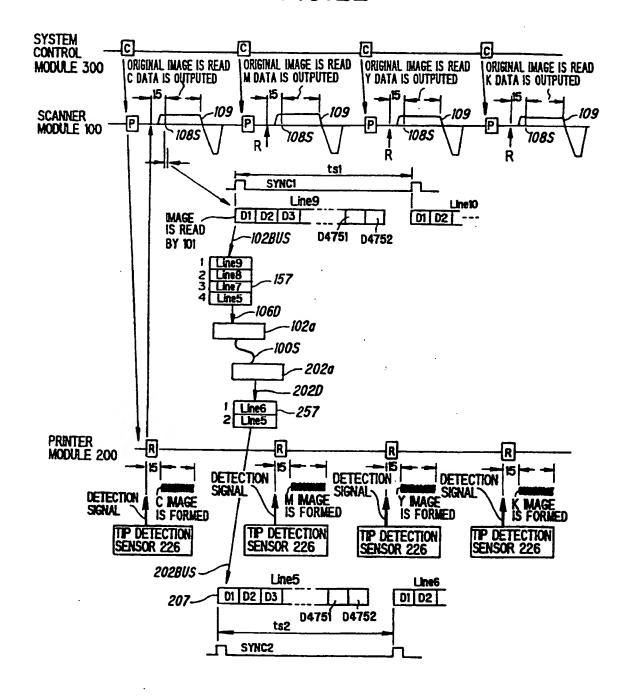
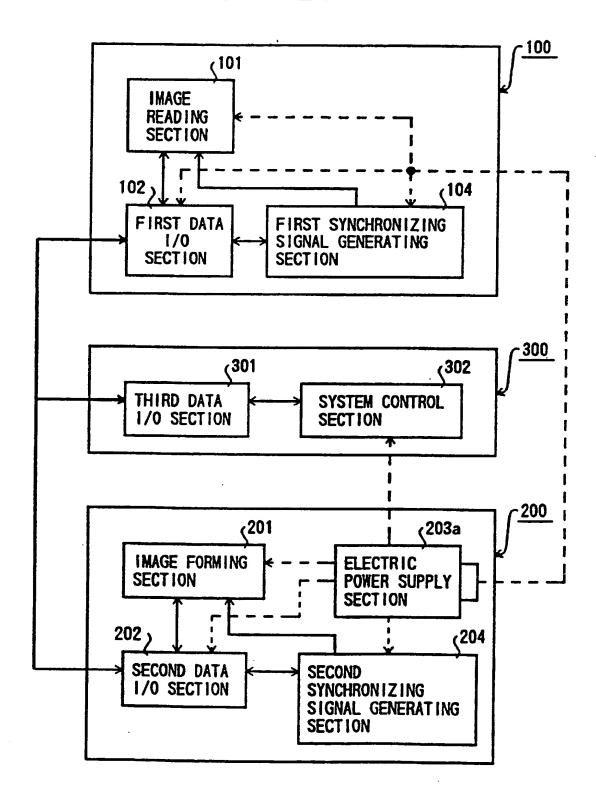
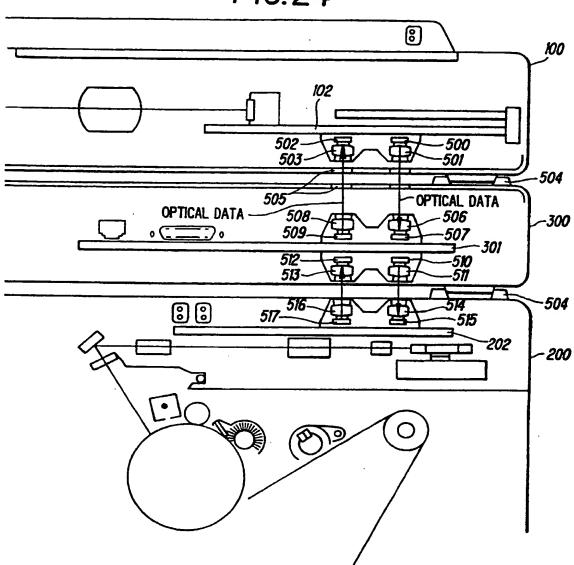


FIG.23



Feb. 4, 1997 Sheet 24 of 25

FIG. 24



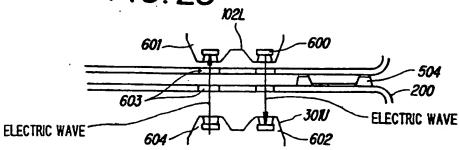


FIG. 26A

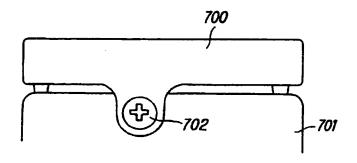


FIG. 26B

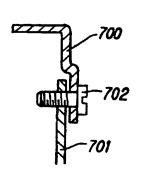


FIG.27

